

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 69810-01

Approval #: SH00-48 Serial #: 69801-03

WO #: 2006-08 Quantity: 1

Eligibility: Bell 206L / 407 Work Status: Manufactured

Remarks: Modified with open front end and lid step IAW DCL704

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Sept 27/06
Date

Jeff Clarke
Inspector's Signature

WORK ORDER 2006-08

Date opened: 21 August 2006

Project: Quick Release Cargo Basket Assembly
Type: Bell 206L Series, 407Batch Quantity: 1 Complete Basket Assembly (69810-01)
Modified with Open Front End (70404)
Modified with Lid Step (70405)Approval: SH00-48
Drawing List: DCL698-1, DCL 704

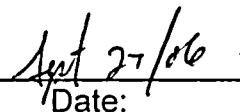
Fabrication and Assembly Drawing(s)	Description
69810, Rev. 0	Basket Ass'y
69811, Rev. 0	Basket Body Ass'y
69812, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 1	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y
70404, Rev. 0	Open Front End Modification
70405, Rev. 0	Lid Step Modification

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____


Inspector Signature:
Date:

Drawing: 69810 Revision 0
 Assembly: 69810-01 Cargo Basket Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	69810-01	Cargo Basket Assembly			
1	69811-01	Basket Body Assembly	Below		
1	69812-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	5034	
1	MS20001P4	Piano Hinge		6067	
1	69827-01	Placard	3M Scotchcal Vinyl	6036	
3	49205-14	Bumper	Argus Industries Bumper	6038	
26	CR3213-4-02	Cherry Rivet		6035	
2	40088-14	Fitting	Ancra	6058	
4	AN960-616	Washer		6016	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	

Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets		<i>Jeff Clarke</i>
Final Inspection	Drawing 69810			<i>Jeff Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69811 Revision 0
 Assembly: 69811-01 Basket Body Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	69811-01	Basket Body Assembly			
2	69821-01	End Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69823-01	Lug	304 Stainless Steel, 5/8" Rod	950111	
2	69823-02	Lug	304 Stainless Steel, 5/8" Rod	950111	
3	49210-02	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
4	69825-01	Spine	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69826-01	Strut	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	

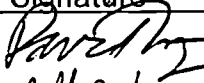


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>David</i>
Powder Coat	Drawing 69811	906072		<i>Jeff Clarke</i>
Final Inspection	Drawing 69811			<i>Jeff Clarke</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 69812 Revision 0
Assembly: 69812-01 Basket Lid Ass'y (Quick-Release)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	69812-01	Basket Lid Assembly			
2	69824-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
3	49213-01	Lid Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 69812	po 6072		
Final Inspection	Drawing 69812			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	5028	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	

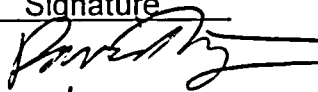

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			<i>Jeff Clark</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36261 Revision 1
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	6006	
2	36271-01	Lever	304 Stainless, 0.100 Sheet	950702	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	36276-01	Hook	6061-T6 Aluminum, 5/16" Dia. Rod.	2009	
2	MS20470AD4-8	Rivet		6070	



Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod AMS 2685C ER70S-2		
Final Inspection	Drawing 36261			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	4130 Steel, 0.050 Sheet	2019	
2	36273-01	Lid Bracket	4130 Steel, 0.050 Sheet	2019	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 36262			

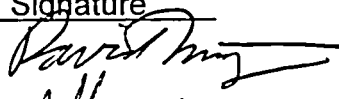
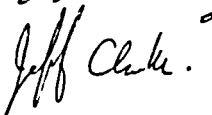
Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70404 Revision 0
Assembly: 70404-01 Open Front End Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	70404-01	Open Front End Modification			
1	70404-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	70404-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	70404-05	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	

Note: Remainder of assembly listed on drawing 69811

Processes	Per	Mat'l's Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70404			

Tag incomplete parts with Work Order # when stored between processes.

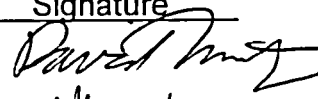

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 70405 Revision 0
Assembly: 70405-01 Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
1 Total	70405-01	Lid Step Modification			
1	70405-03	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	6005	
14	CR3213-4-2	Cherry Rivet		6035	

Note: Step is installed on 3 aft bays of each lid.

Note: Remainder of assembly listed on drawing 69812

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

Tag incomplete parts with Work Order # when stored between processes.


Tag complete parts / assemblies with Release Tag prior to storage.

DOCUMENT CONTROL LIST

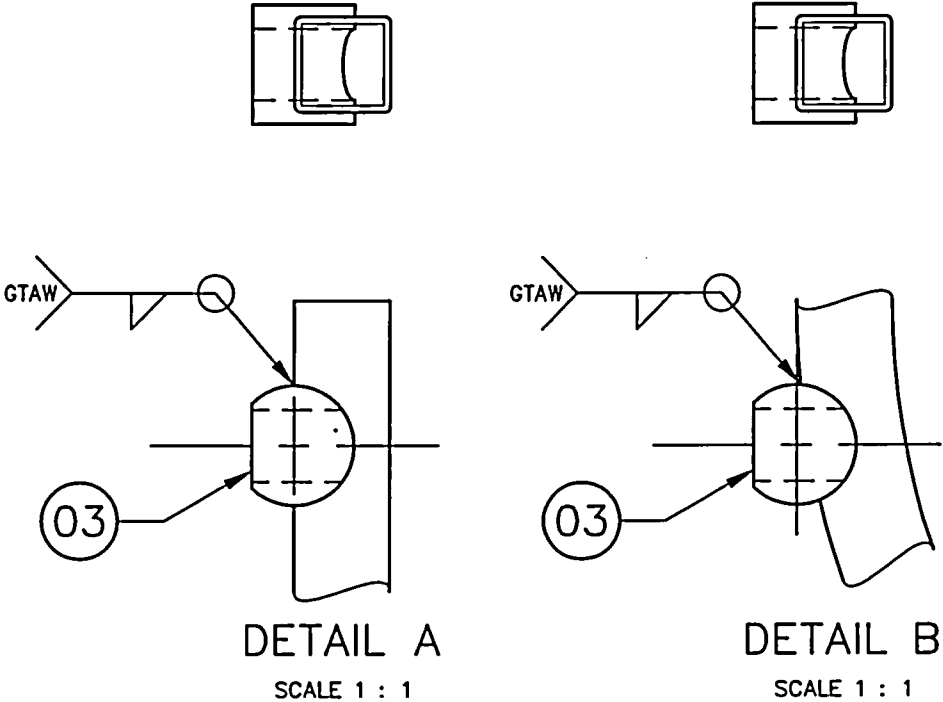
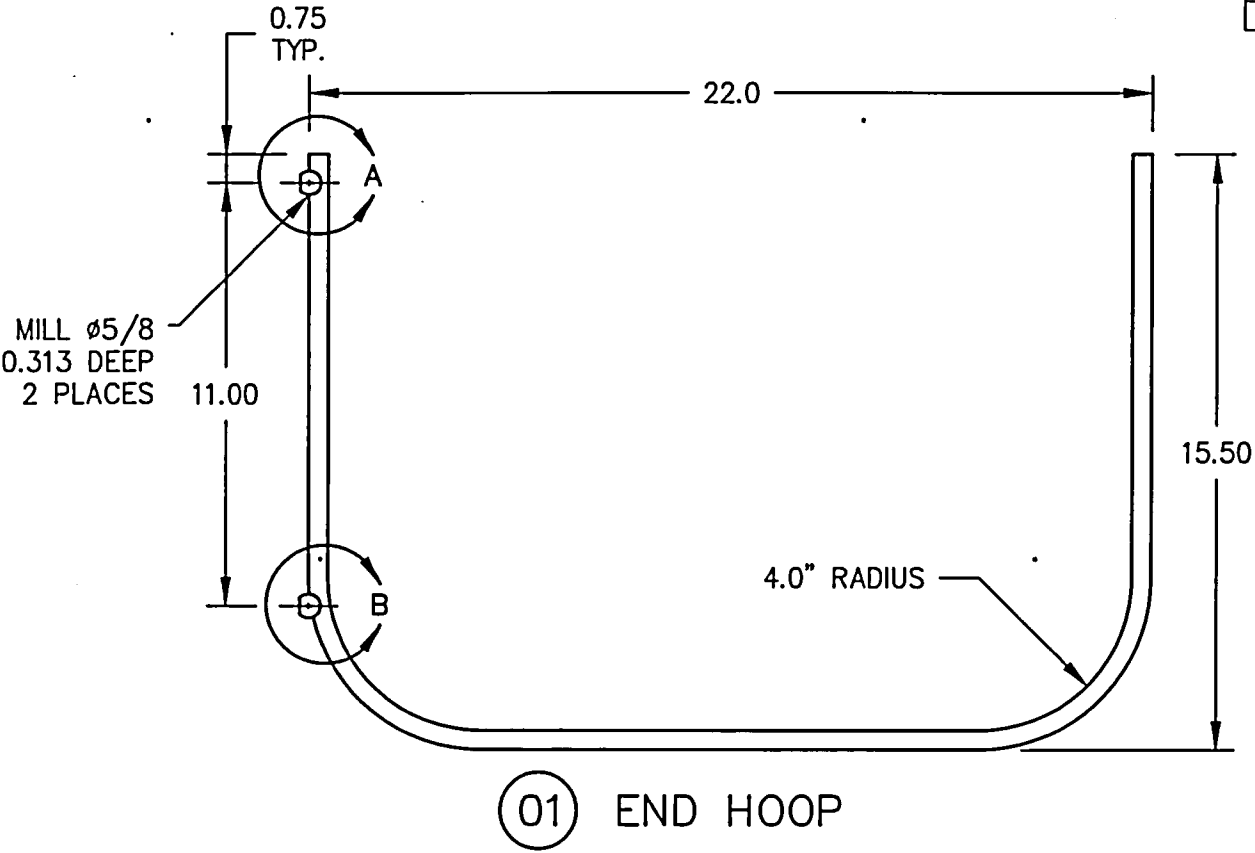
DOCUMENT NO.	DOCUMENT CONTENT	REVISION
FABRICATION DOCUMENTS		
70401	Open Forward End Modification	0
70402	Lid Door Modification	0
70403	Auxiliary Latch Modification	0
70404	Open Forward End Modification	0
70405	Lid Step Modification	0
 ENGINEERING DOCUMENTS		
ER704.02	Engineering Report	0

APPROVAL: <div style="border: 1px solid black; padding: 5px; margin: 5px;"> Transport Canada E. BURROUGHS DAR 2006 APPROVED By <i>[Signature]</i> App'd No. <u>5H00-46</u> App'd Date <u>08 DEC 2006</u> Issue No. <u>5</u> Issue Date <u>09 JUNE 2006</u> THIS DOC APPROVED <u>26 SEPT 2006</u> </div>	ORIGINAL DATE: 10 May 2006 REVISION DATE: 21 September, 2006	<div style="text-align: center;"> AERO DESIGN LTD. 2013 - 39th Ave NE, Calgary, Alberta, T2E 6R7 Ph. (403) 250-8027 Fax. (403) 250-8333 </div>
SHEET 1 OF 1		Cargo Basket Modifications
<h2 style="margin: 0;">DCL704</h2>		Rev. <h2 style="margin: 0; text-align: center;">1</h2>

DOCUMENT CONTROL LIST

DOCUMENT NO.	DOCUMENT CONTENT	REVISION
FABRICATION DOCUMENTS		
69810	Cargo Basket Assembly	0
69811	Basket Body Assembly	0
69812	Basket Lid Assembly	0
69821	Basket Components - End Hoop	0
69823	Basket Components - Lugs	0
69824	Basket Components - Rim	0
69825	Basket Components - Spine	0
69826	Basket Components - Strut	0
69827	Basket Components - Placard	0
49210	Basket Components - Hoops	1
49212	Basket Components - Rim	0
49213	Basket Components - Lid Brace	1
49215	Basket Components - Spacer	0
49216	Basket Components - Spacer	0
36255	Handle Assembly	1
36261	Handle Bar Assembly	1
36262	Handle Bracket Assembly	1
36271	Handle Lever	0
36272	Basket Bracket	0
36273	Lid Bracket	0
36274	Bushing	0
36275	Bushing	1
36276	Spring Hook	0
36277	Handle Bar	0
36278	Spring	1
36280, Sheet 1	Brace	2
36280, Sheet 2	Brace	2
ENGINEERING DOCUMENTS		
ER698.01	Engineering Report	0
APPROVAL:		
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<p>SHEET 1 OF 1</p>		<p>Quick Release Cargo Basket Assembly</p>
<p>DCL698-1</p>		<p>Rev.</p> <p>0</p>

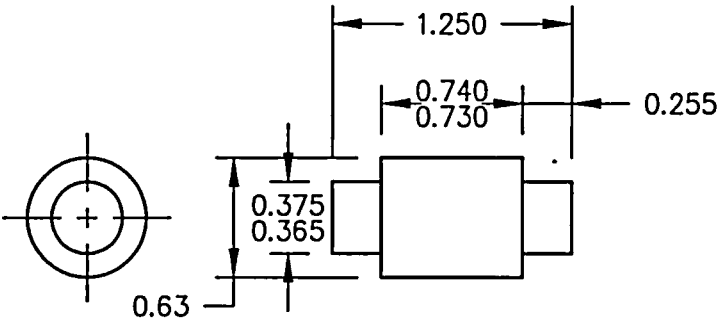
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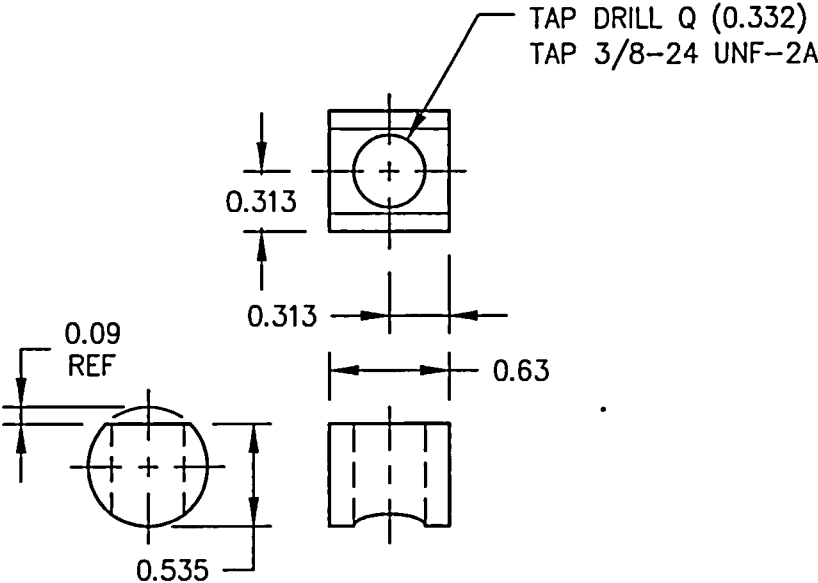
- NOTES
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 2. DRILL 3/32 VENT HOLE IN BOTTOM OF HOOP FOR VENTING OF WELD GASES
 3. WELDING OF STAINLESS STEEL LUGS TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO AMS 5680 (347 STAINLESS STEEL) OR EQUIVALENT.

2	69823-02	03	LUG	304 STAINLESS STEEL	ASTM A476	5/8 DIA ROD
	--	02	--			
	69821-01	01	END HOOP	4130 STEEL COND. N	MIL-T-6736	1/2 x 0.035 SQR. TUBE
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			APPROVALS	DATE	AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net	
			DRAWN: JEFF CLARKE	10 APR 2006		
			CHECKED: E. BURGAIN			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1		BELL 206L, 407 QUICK RELEASE CARGO BASKET BASKET COMPONENTS - END HOOP	
			SCALE 1 : 5	DWG. SIZE	DWG. NO.	REV.
			SHEET 1 OF 1	LGL	69821	1

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
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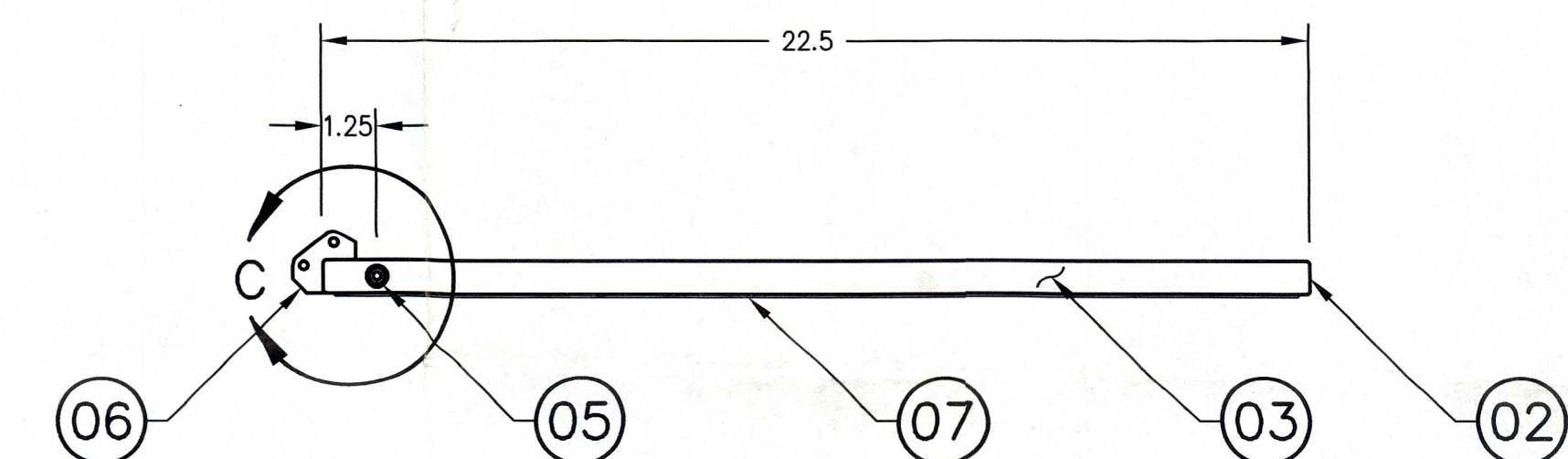
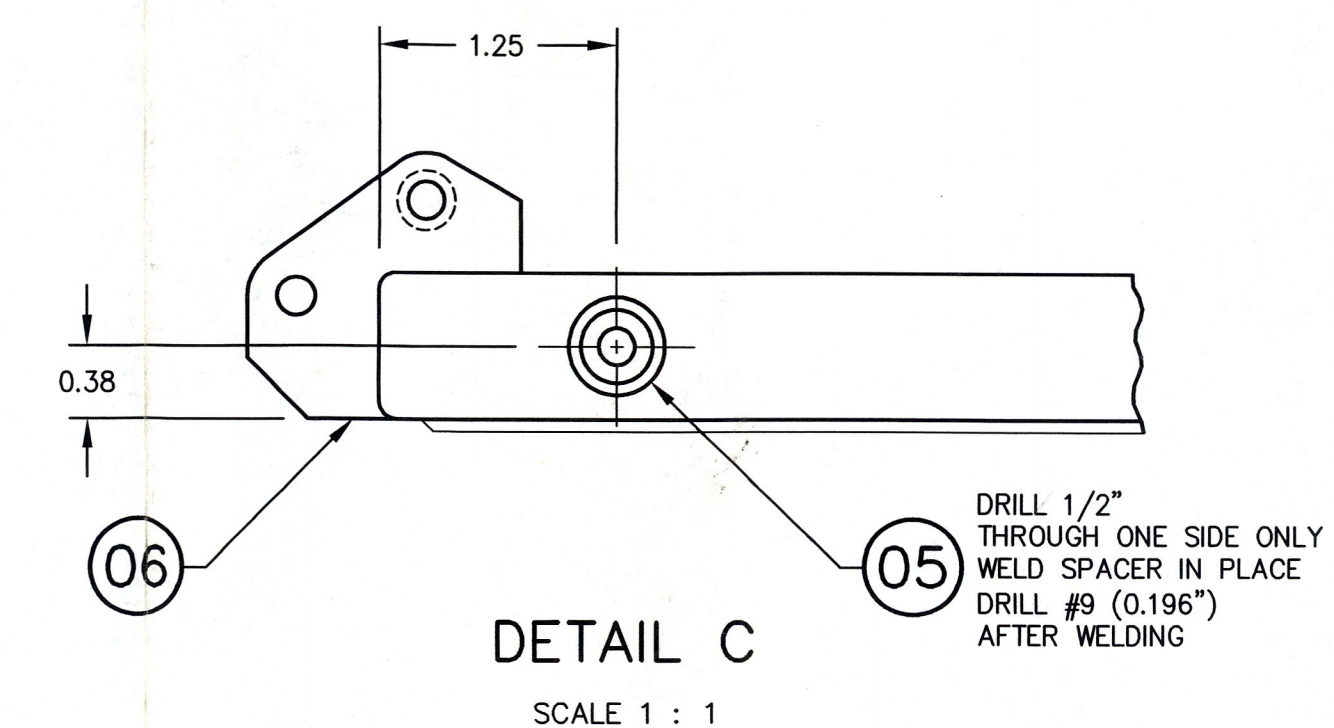
01 LUG



02 LUG

	69823-02	02	LUG	304 STAINLESS STEEL	ASTM A479	5/8 DIA ROD
	69823-01	01	LUG	304 STAINLESS STEEL	ASTM A479	5/8 DIA ROD
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.				AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net		
				BELL 206L, 407 QUICK RELEASE CARGO BASKET BASKET COMPONENTS - LUGS		
				SCALE 1 : 1	DWG. SIZE	DWG. NO.
				SHEET 1 OF 1	LGL	69823
					REV.	0

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
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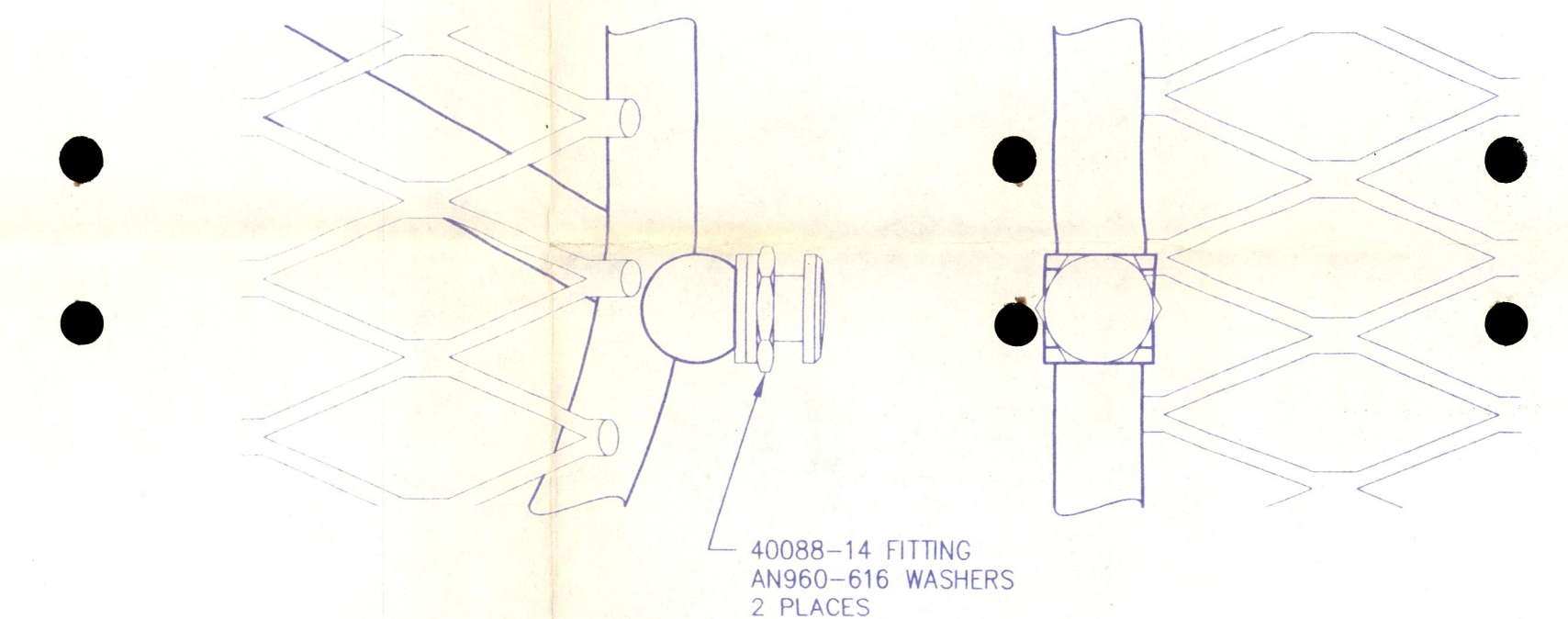
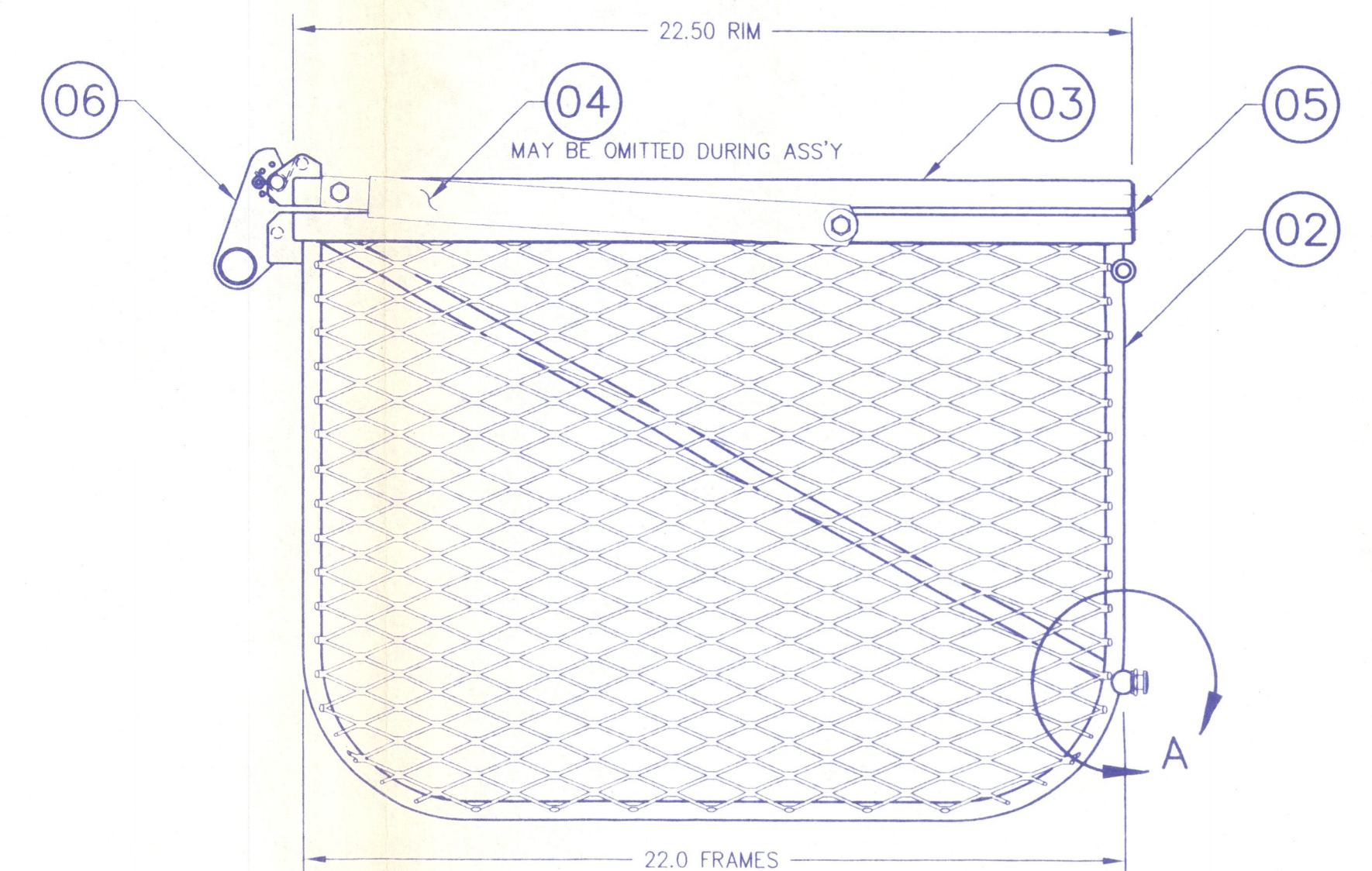
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.
WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



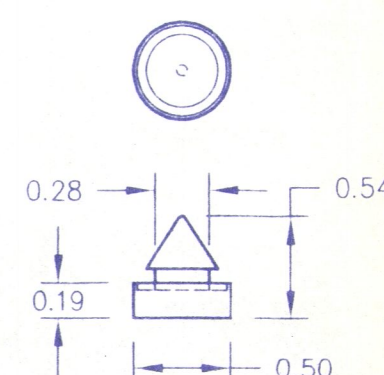
DETAIL A
LOOKING AT TOP

A/R	3/4-16F	08	MESH			
1	36204-10	07	PLACARD BRACKET			
1	36262-01	06	UPPER HANDLE BRACKET ASSY			
1	49216-01	05	SPACER			
3	49213-01	04	LID BRACE			
2	49212-01	03	RIM			
2	69824-01	02	RIM			
	69812-01	01	BASKET LID ASSEMBLY			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

	APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
	DRAWN: JEFF CLARKE		11 APR 2006					
	CHECKED: E. BURGOIN				BELL 206L, 407 QUICK RELEASE CARGO BASKET BASKET LID ASSEMBLY			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1							
SCALE 1 : 4		DWG. SIZE		DWG. NO.		REV.		
SHEET 1 OF 1		A1		69812		0		



(01) CARGO BASKET ASSEMBLY

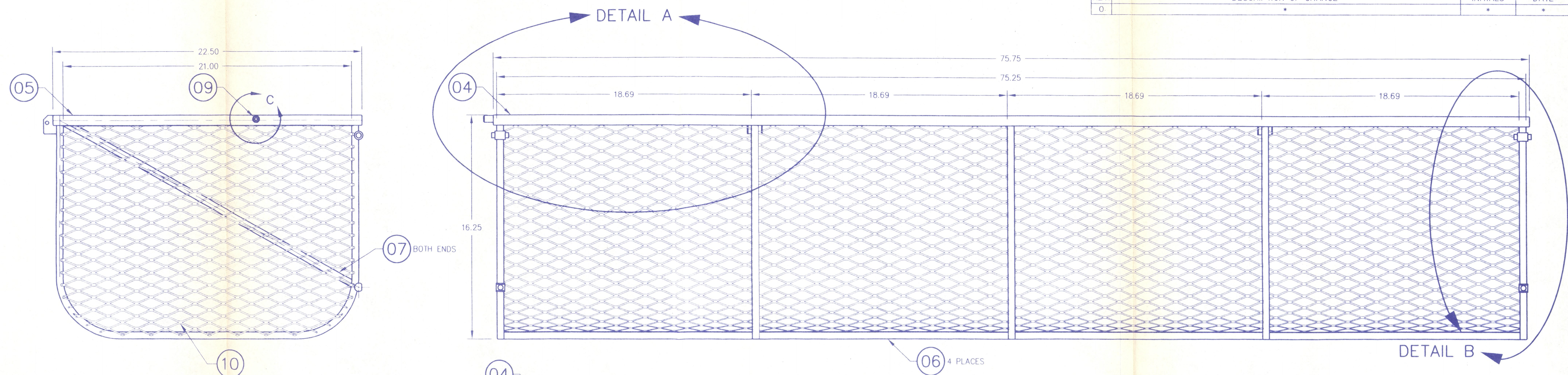


08 BUMPER
SCALE 1 : 1

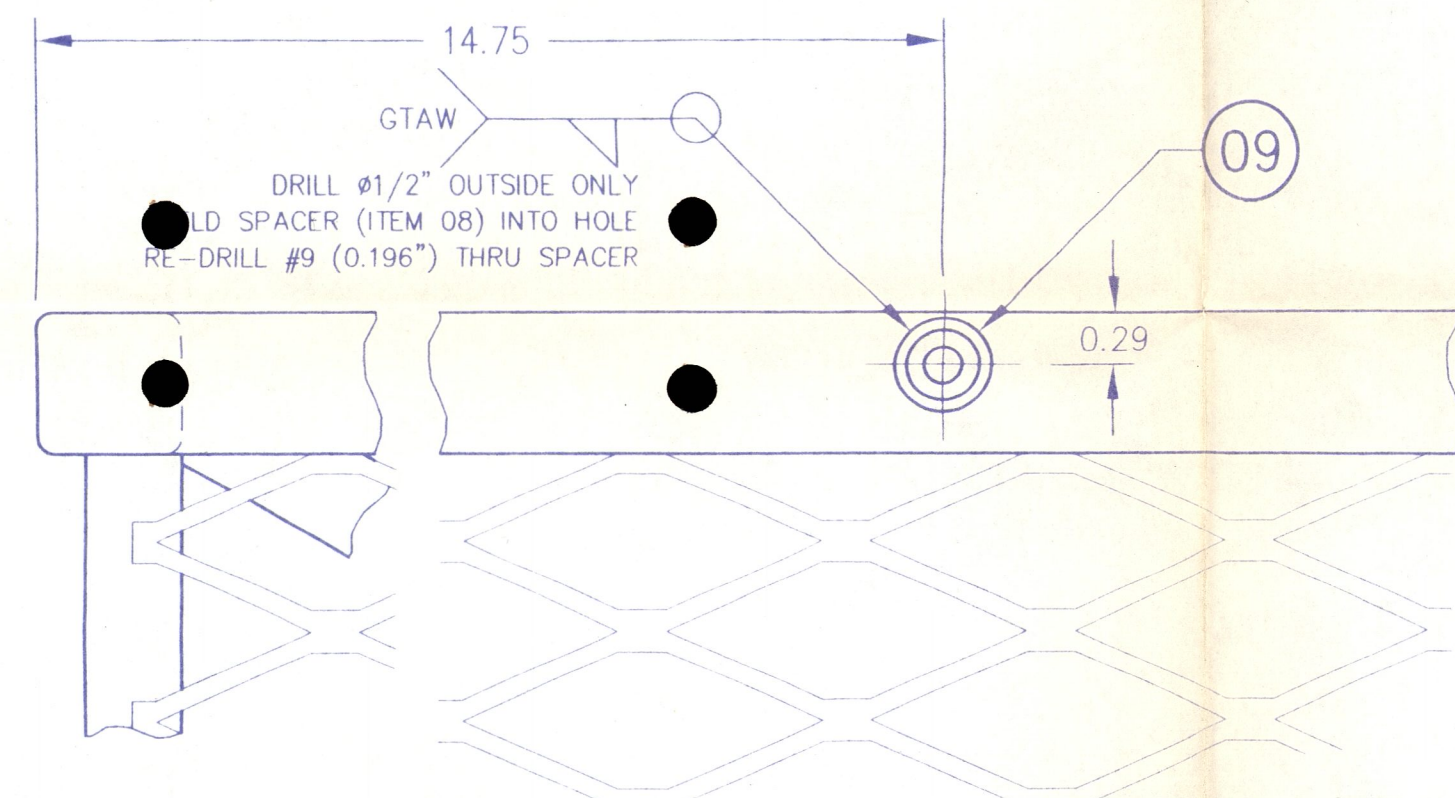
A/R	AN960-616		WASHER			
2	40088-14		FITTING	ANCR4		
A/R	CR3213-4-02		CHERRY RIVET			
3	49205-14	08	BUMPER	ARGUS INDUSTRIES		
1	69827-01	07	PLACARD			
1	36255-01	06	HANDLE BAR INSTALLATION			
1	MS20001P4	05	PIANO HINGE			6 FEET LONG
1	36280-01	04	BRACE ASSEMBLY			
1	69812-01	03	LID ASSEMBLY			
1	69811-01	02	BASKET BODY ASSEMBLY			
	69810-01	01	CARGO BASKET ASSEMBLY			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

	APPROVALS		DATE	AERO DESIGN LTD.					
	DRAWN:	JEFF CLARKE	11 APR 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7					
	CHECKED:	E. BURGAIN		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net					
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			BELL 206L, 407 QUICK RELEASE CARGO BASKET CARGO BASKET ASSEMBLY					
	DECIMALS		ANGLES						
	X.XXX	±0.010	±1/2"	SCALE 1 : 4		DWG. SIZE	DWG. NO.	REV.	
	X.XX	±0.3		SHEET 1 OF 1		A1	69810	0	
	X.X	±0.1							

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
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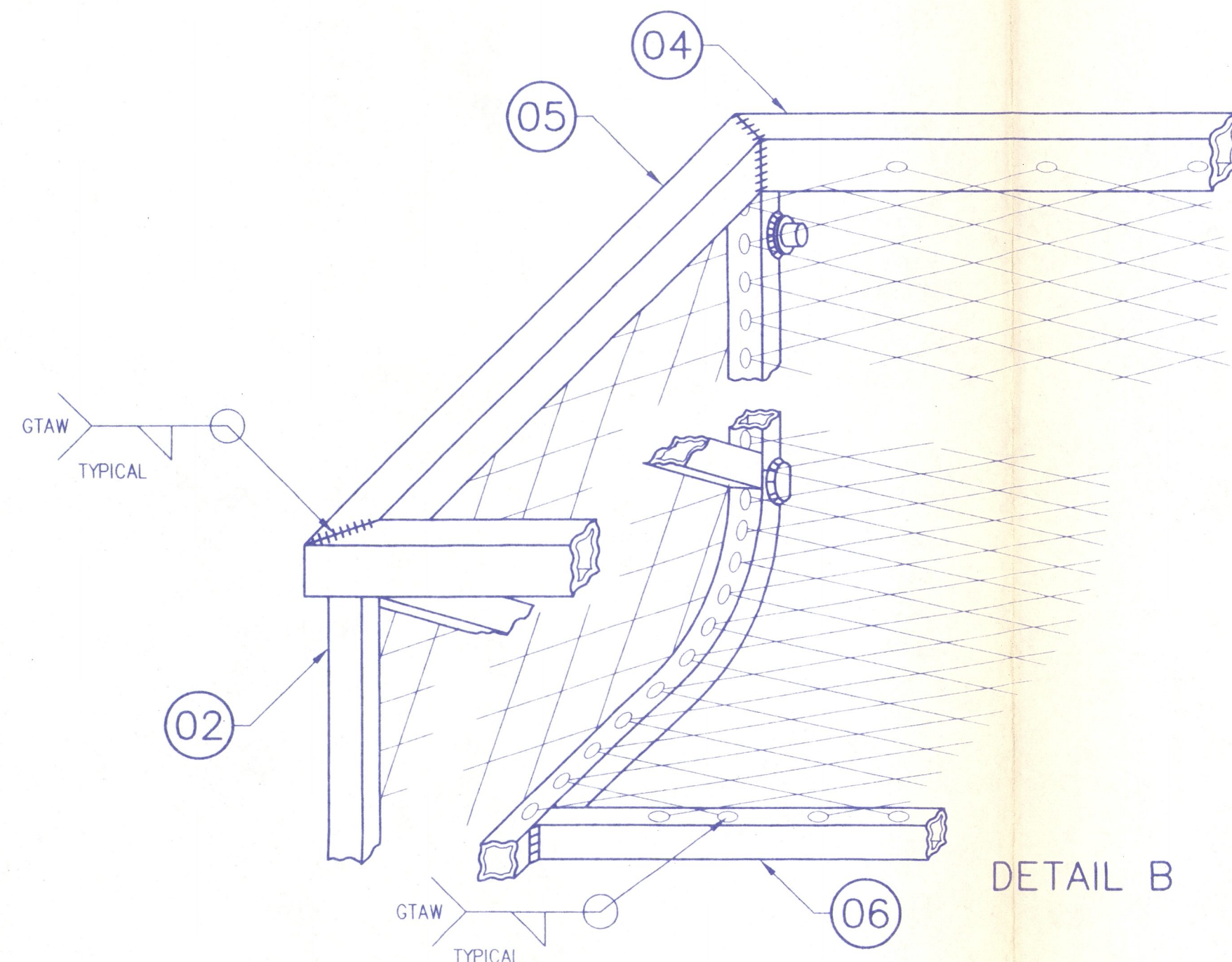
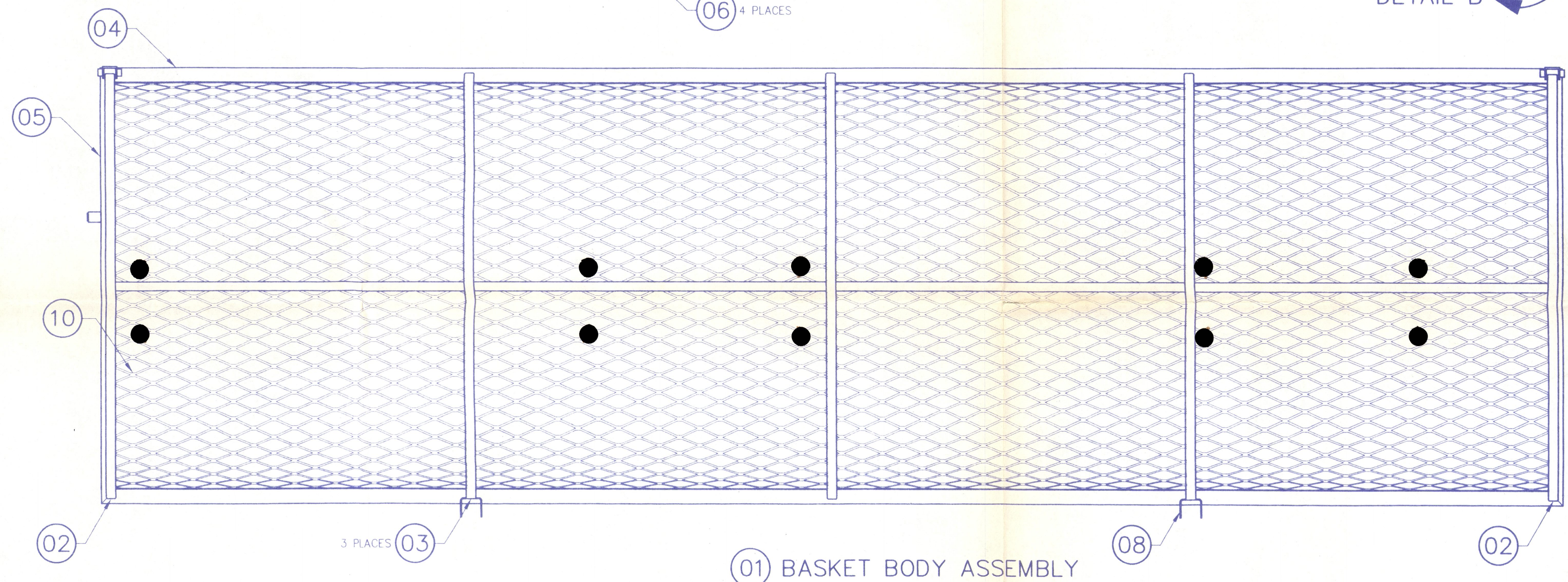


- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

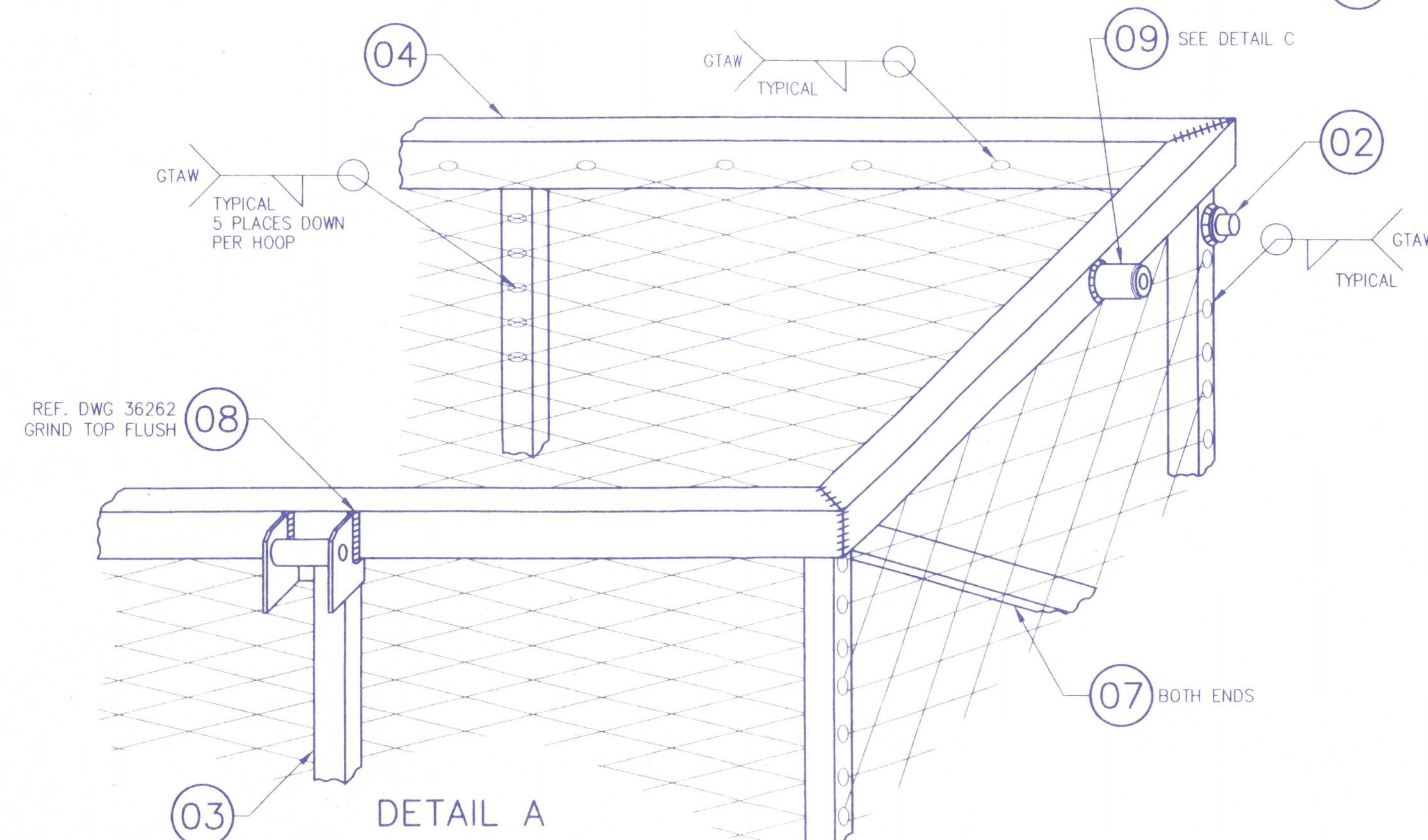


DETAIL C

SCALE 1:1
VIEW LOOKING AT FRONT RIM OF BASKET



DETAIL B

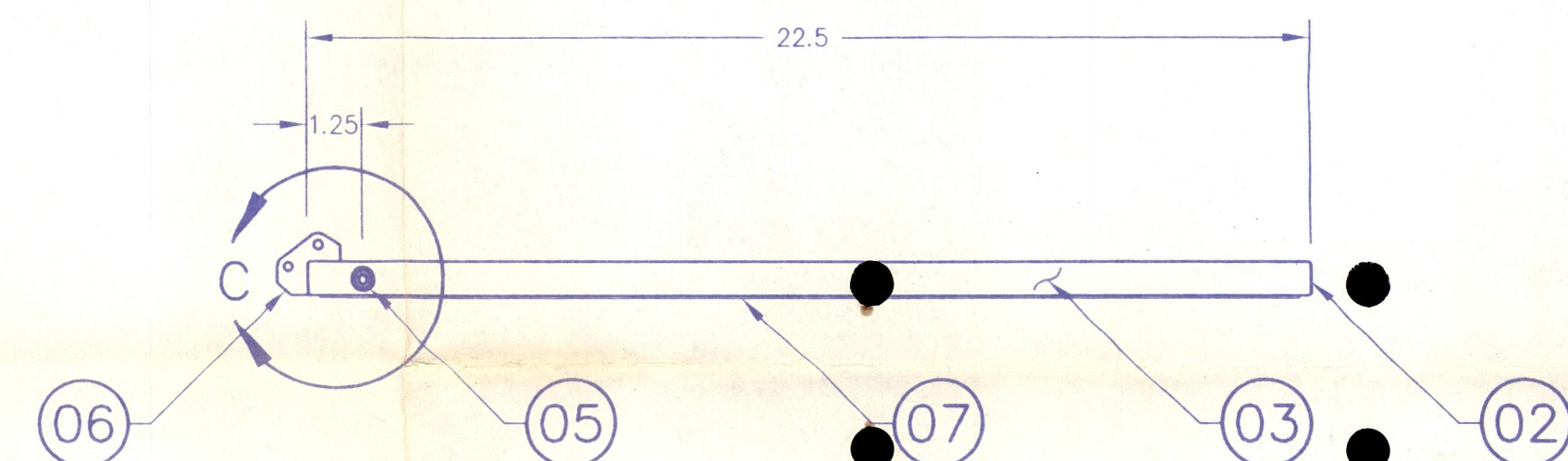
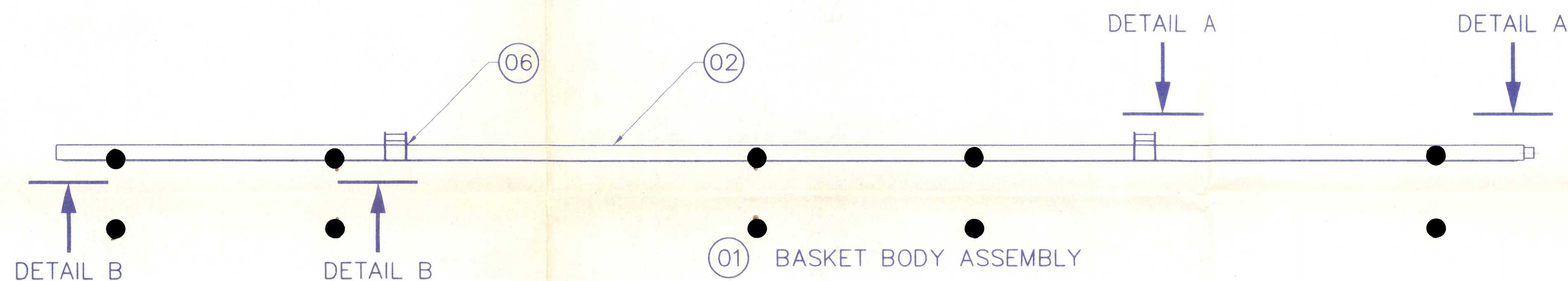
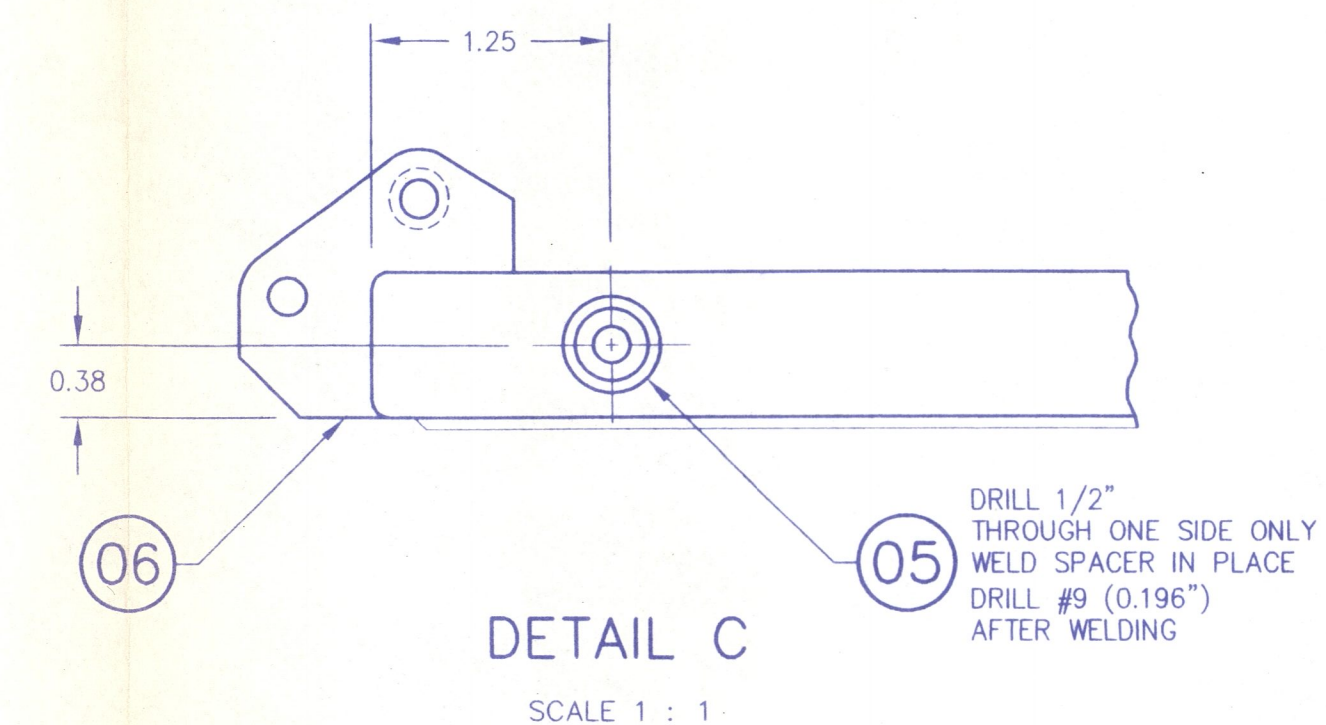
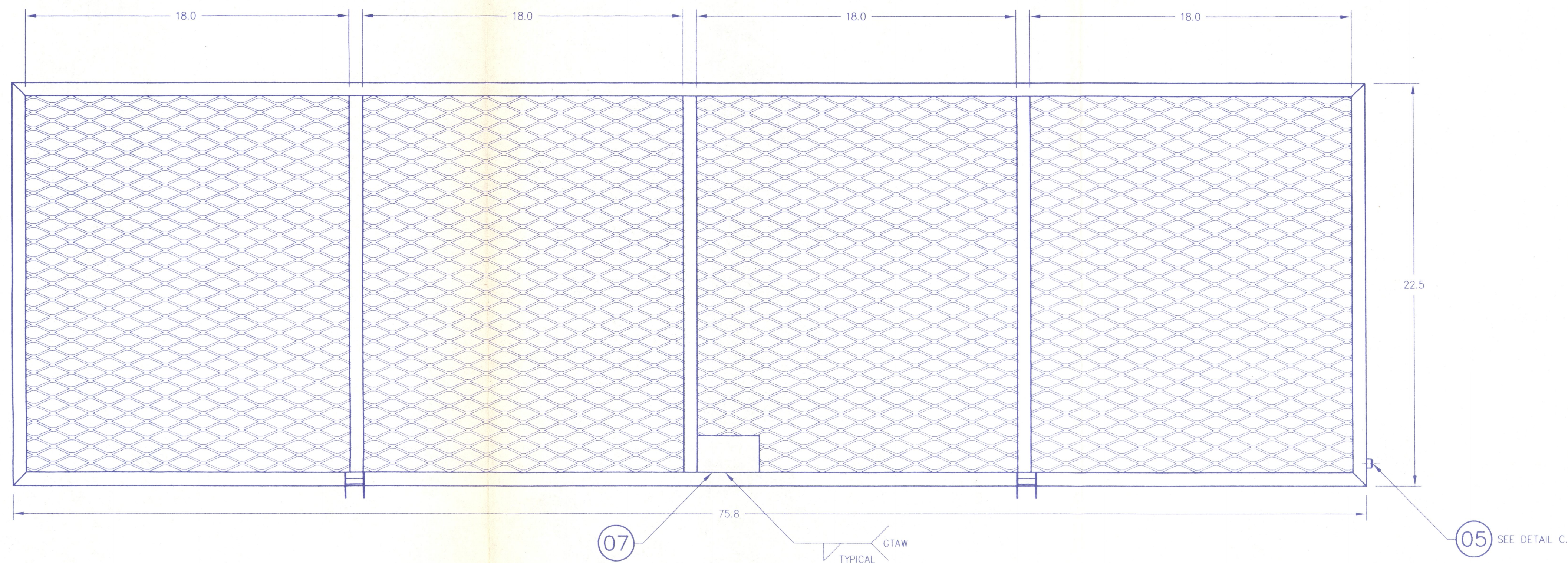


DETAIL A

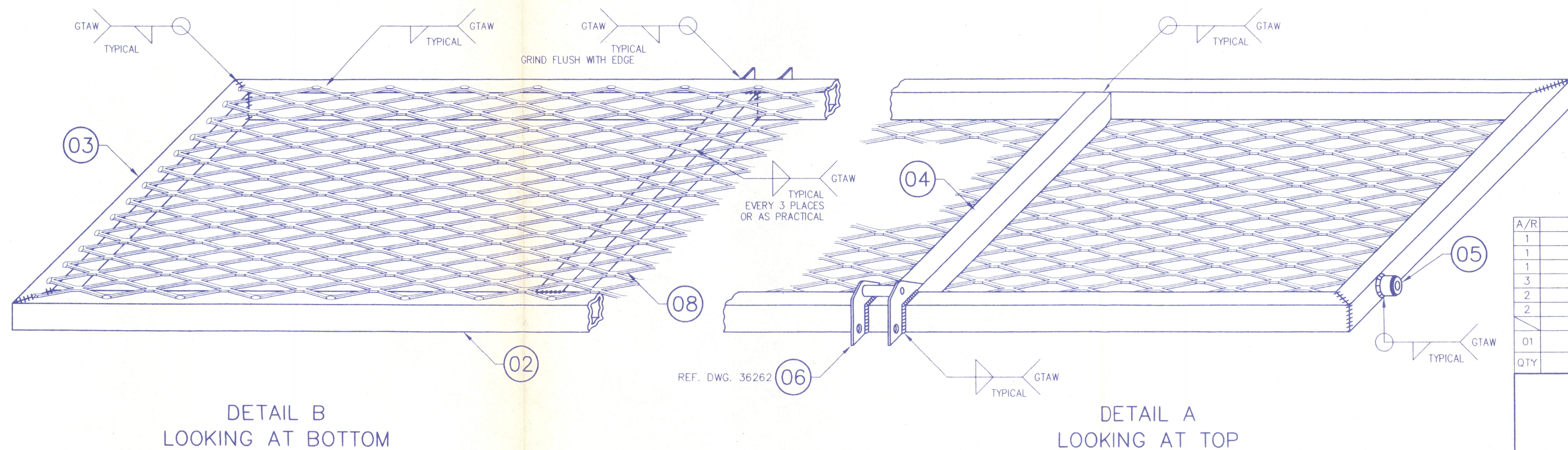
A/R	3/4-16F	10	MESH	STEEL	COMMERCIAL	
1	49215-01	09	SPACER			
1	36262-01	08	HANDLE BRACKET ASSEMBLY			
2	69826-01	07	STRUT			
4	69825-01	06	SPINE			
2	49212-01	05	RIM			
2	69824-01	04	RIM			
3	49210-02	03	HOOP			
2	69821-01	02	END HOOP			
2	69811-01	01	BASKET BODY ASSEMBLY			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

APPROVALS		DATE	AERO DESIGN LTD.			
DRAWN:	JEFF CLARKE	11 APR 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED:	E. BURGAIN		2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DECIMALS			BELL 206L, 407			
X.XXX			QUICK RELEASE CARGO BASKET			
X.XX			BASKET BODY ASSEMBLY			
X.X			SCALE 1 : 4			
			DWG. SIZE DWG. NO. REV.			
			SHEET 1 OF 1 A1 69811 0			

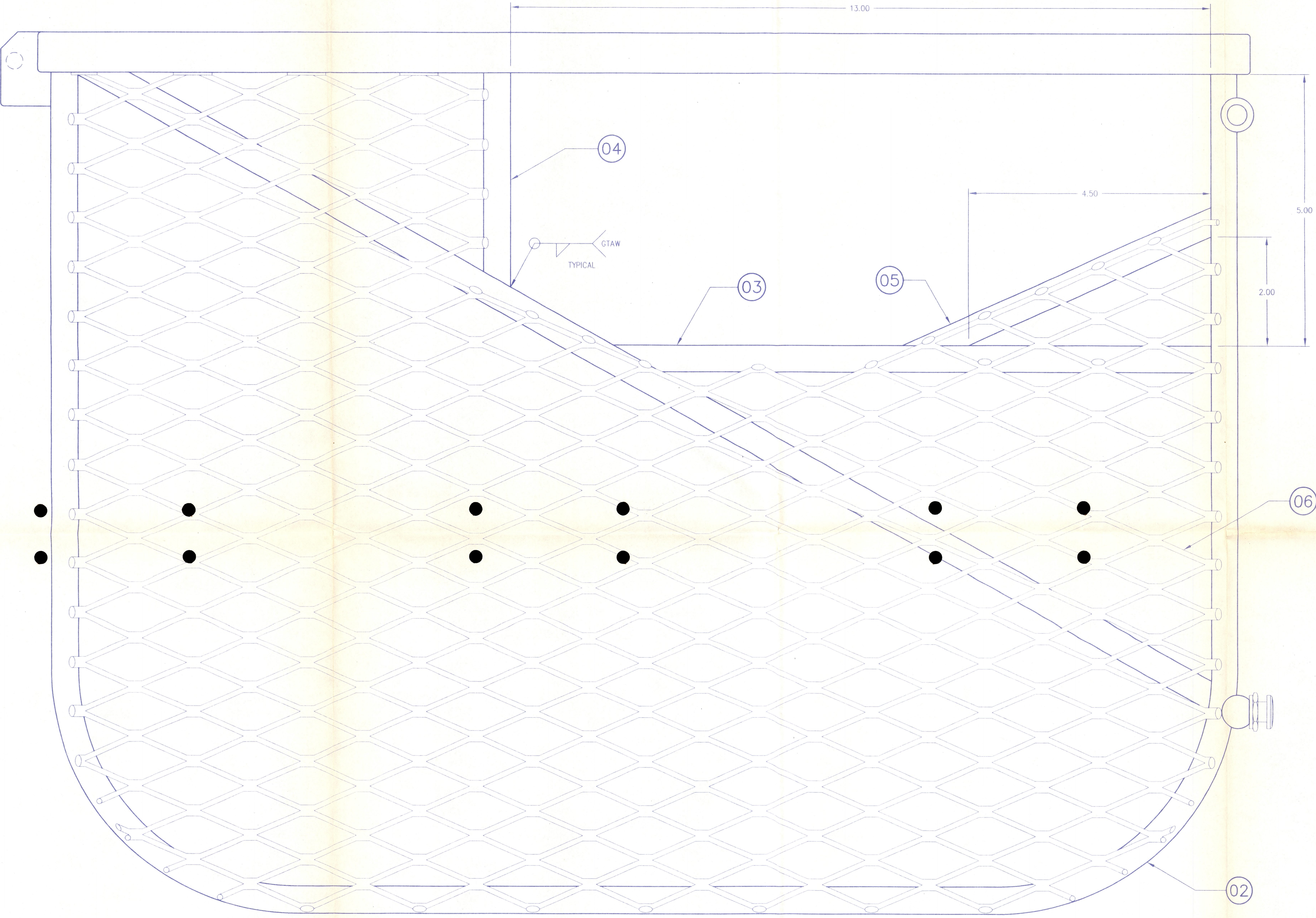
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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*



- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



A/R	3/4-16F	08	MESH			
1	36204-10	07	PLACARD BRACKET			
1	36262-01	06	UPPER HANDLE BRACKET ASSY			
1	49216-01	05	SPACER			
3	49213-01	04	LID BRACE			
2	49212-01	03	RIM			
2	69824-01	02	RIM			
	69812-01	01	BASKET LID ASSEMBLY			
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
LIST OF MATERIALS						
			APPROVALS			
			DATE			
DRAWN:			JEFF CLARKE			
CHECKED:			E. BURGAIN			
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			
			DECIMALS ANGLES			
			X.XXX ±0.010 ±1/2°			
			X.XX ±0.03			
			X.X ±0.1			
			BELL 206L, 407			
			QUICK RELEASE CARGO BASKET			
			BASKET LID ASSEMBLY			
			SCALE 1 : 4		DWG. SIZE	
			SHEET 1 OF 1		DWG. NO.	
			A1		69812	
					REV.	
					0	
			AERO DESIGN LTD.			
			CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
			2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
			tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			



01 BASKET BODY ASSEMBLY

NOTES

1. THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE FORWARD END ONLY. REMAINDER OF BASKET IS TO BE IN ACCORDANCE WITH DRAWING 69811.
2. REMOVE ALL BURRS AND BREAK SHARP EDGES
3. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
4. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
5. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES SKY WHITE PRIOR TO ASSEMBLY.

1	3/4-16F	06	MESH	MILD STEEL	COMMERCIAL	
1	70404-05	05	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	70404-04	04	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	70404-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	69811-01	02	BASKET BODY ASSEMBLY			
	70404-01	01	BASKET BODY ASSEMBLY - MODIFIED FORWARD END			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY	LIST OF MATERIALS					

APPROVALS	DATE
DRAWN: JEFF CLARKE	06 SEPT 2006
CHECKED: E. BURGON	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010 ±1/2"
X.XX ±0.03
X.X ±0.1

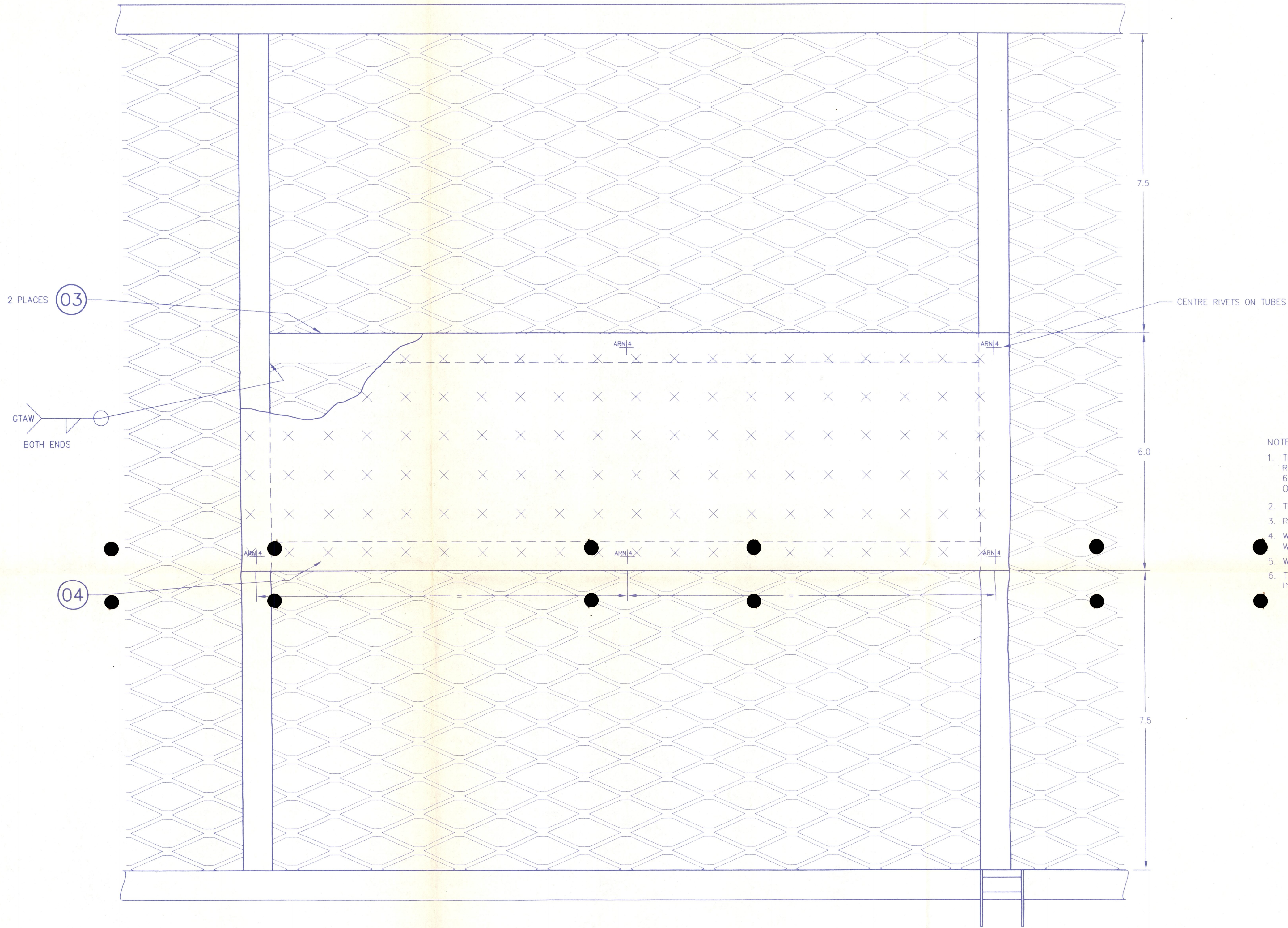
AERO DESIGN LTD.
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250-8027 fax: (403) 250-8333 info@aerodesign.ca

BELL 206L AND 407
QUICK RELEASE CARGO BASKET
OPEN FORWARD END MODIFICATION

SCALE 1 : 1	DWG. SIZE A1	DWG. NO. 70404	REV. 0
SHEET 1 OF 1			

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*



- NOTES:
1. THIS DRAWING IS AN OPTIONAL CONFIGURATION ADDING A TREAD PLATE STEP TO THE LID. REMAINDER OF LID ASSEMBLY IS TO BE IN ACCORDANCE WITH DRAWING 49207, 60631, OR 69812 AS APPLICABLE. THIS CONFIGURATION MAY BE APPLIED TO ANY OR ALL BAYS OF THE LID.
 2. TUBES (ITEM 03) MUST BE WELDED IN PLACE BEFORE MESH IS WELDED ON BOTTOM.
 3. REMOVE ALL BURRS AND BREAK SHARP EDGES
 4. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 5. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 6. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY. INSTALL TREAD PLATE AFTER POWDER COATING.

(01) BASKET LID ASSEMBLY

A/R	CR3213-4-02	BLIND RIVET			
1	70405-04	04	TREAD PLATE	ALUMINUM	COMMERCIAL
2	70405-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736
1	69812-01	02	BASKET LID ASSEMBLY (ALTERNATE)		0.063 TREAD PLATE
1	60632-01	02	BASKET LID ASSEMBLY (ALTERNATE)		0.75 X 0.035 WALL TUBE
1	49207-01	02	BASKET LID ASSEMBLY		
	70405-01	01	BASKET LID ASSEMBLY - MODIFIED WITH STEP		
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC
QTY					STOCK SIZE

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tel: (403) 250-8027 fax: (403) 250-8333 info@aerodesign.ca

**BELL 206L SERIES AND 407
CARGO BASKET
LID STEP MODIFICATION**

SCALE 1 : 1.5
SHEET 1 OF 1

DWG. NO.
A1 70405

REV.
0

BASIC CODE	DASH NO. FOR DIAMETER	APPROVALS	DATE
REF. NAS 523	N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE	DRAWN: JEFF CLARKE	21 SEPT 2006
C=COUNTERSUNK D=DIMPLE DIGIT=# OF SHEETS TO BE DIMPLED	DASH NO. FOR LENGTH	CHECKED: E. BURGON	
BASIC CODES: BJ=MS20470AD BB=MS20426AD ARN=CR3213 ARM=CR3212	INSTALL NEW RIVET REMOVE/REPLACE RIVET EXISTING RIVET	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 X.XX ±0.03 X.X ±0.1	